

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
At: Atkins-----	Severe: wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding frost action wetness	Severe: wetness
BeC: Buchanan-----	Severe: wetness	Moderate: slope wetness	Severe: wetness	Severe: slope	Moderate: frost action slope wetness	Severe: small stones
Ernest-----	Severe: wetness	Moderate: shrink-swell slope wetness	Severe: wetness	Severe: slope	Severe: low strength	Moderate: large stones slope small stones
Atkins-----	---	---	---	---	---	---
BeD: Buchanan-----	Severe: slope wetness	Severe: slope	Severe: slope wetness	Severe: slope	Severe: slope	Severe: slope small stones
Ernest-----	Severe: slope wetness	Severe: slope	Severe: slope wetness	Severe: slope	Severe: low strength slope	Severe: slope
Atkins-----	---	---	---	---	---	---
Ch: Chavies-----	Slight	Severe: flooding	Severe: flooding	Severe: flooding	Moderate: flooding	Slight
Atkins-----	---	---	---	---	---	---
DaC: Dekalb-----	Severe: depth to rock	Moderate: large stones slope depth to rock	Severe: depth to rock	Severe: slope	Moderate: large stones slope depth to rock	Severe: small stones
DaD: Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
DaE: Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
DaF: Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
DmC: Dekalb-----	Severe: depth to rock	Moderate: large stones slope depth to rock	Severe: depth to rock	Severe: slope	Moderate: large stones slope depth to rock	Severe: small stones
DmE: Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones

Table M.--Building Site Development--Continued

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
DmF: Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
EnB: Ernest-----	Severe: wetness	Moderate: shrink-swell wetness	Severe: wetness	Moderate: shrink-swell slope wetness	Severe: low strength	Moderate: large stones small stones
Atkins-----	---	---	---	---	---	---
EnC: Ernest-----	Severe: wetness	Moderate: shrink-swell slope wetness	Severe: wetness	Severe: slope	Severe: low strength	Moderate: large stones slope small stones
Atkins-----	---	---	---	---	---	---
EnD: Ernest-----	Severe: slope wetness	Severe: slope	Severe: slope wetness	Severe: slope	Severe: low strength slope	Severe: slope
Atkins-----	---	---	---	---	---	---
Fu: Fluvaquents-----	---	---	---	---	---	---
Udifluvents-----	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---
Atkins-----	---	---	---	---	---	---
GaB: Gilpin-----	Moderate: depth to rock	Slight	Moderate: depth to rock	Moderate: slope	Moderate: frost action	Moderate: thin layer
GaC: Gilpin-----	Moderate: slope depth to rock	Moderate: slope	Moderate: slope depth to rock	Severe: slope	Moderate: frost action slope	Moderate: slope thin layer
GaD: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
GbC: Gilpin-----	Moderate: slope depth to rock	Moderate: slope	Moderate: slope depth to rock	Severe: slope	Moderate: frost action slope	Moderate: slope small stones
GbD: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
GbE: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
GbF: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
GcC: Gilpin-----	Moderate: large stones slope depth to rock	Moderate: large stones slope	Moderate: large stones slope depth to rock	Severe: slope	Moderate: frost action large stones slope	Severe: large stones small stones

Table M.--Building Site Development--Continued

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
GcE: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: large stones slope small stones
GcF: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: large stones slope small stones
GdE: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
Other soils-----	---	---	---	---	---	---
GdF: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
Other soils-----	---	---	---	---	---	---
GkC: Gilpin-----	Moderate: large stones slope depth to rock	Moderate: large stones slope	Moderate: large stones slope depth to rock	Severe: slope	Moderate: frost action large stones slope	Severe: large stones small stones
Dekalb-----	Severe: depth to rock	Moderate: large stones slope depth to rock	Severe: depth to rock	Severe: slope	Moderate: large stones slope depth to rock	Severe: small stones
Other soils-----	---	---	---	---	---	---
GkE: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: large stones slope small stones
Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
Other soils-----	---	---	---	---	---	---
GkF: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: large stones slope small stones
Dekalb-----	Severe: slope depth to rock	Severe: slope	Severe: slope depth to rock	Severe: slope	Severe: slope	Severe: slope small stones
Other soils-----	---	---	---	---	---	---
GuC: Gilpin-----	Moderate: slope depth to rock	Moderate: slope	Moderate: slope depth to rock	Severe: slope	Moderate: frost action slope	Moderate: slope thin layer

Table M.--Building Site Development--Continued

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
Upshur-----	Moderate: slope too clayey	Severe: shrink-swell	Severe: shrink-swell	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell	Moderate: slope
Other soils-----	---	---	---	---	---	---
GuD: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope
Other soils-----	---	---	---	---	---	---
GuE: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Other soils-----	---	---	---	---	---	---
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope
GuF: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Other soils-----	---	---	---	---	---	---
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope
GwC3: Gilpin-----	Moderate: slope depth to rock	Moderate: slope	Moderate: slope depth to rock	Severe: slope	Moderate: frost action slope	Moderate: slope thin layer
Upshur-----	Moderate: slope too clayey	Severe: shrink-swell	Severe: shrink-swell	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell	Moderate: slope
Other soils-----	---	---	---	---	---	---
GwD3: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope
Other soils-----	---	---	---	---	---	---
GwE3: Gilpin-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Other soils-----	---	---	---	---	---	---
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope

Table M.--Building Site Development--Continued

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
LyB: Lily-----	Severe: depth to rock	Moderate: depth to rock	Severe: depth to rock	Moderate: slope depth to rock	Moderate: depth to rock	Moderate: depth to rock
LyC: Lily-----	Severe: depth to rock	Moderate: slope depth to rock	Severe: depth to rock	Severe: slope	Moderate: slope depth to rock	Moderate: slope depth to rock
MoB: Monongahela-----	Severe: wetness	Moderate: wetness	Severe: wetness	Moderate: slope wetness	Moderate: low strength wetness	Slight
MoC: Monongahela-----	Severe: wetness	Moderate: slope wetness	Severe: wetness	Severe: slope	Moderate: low strength slope wetness	Moderate: slope
Oh: Orrville-----	Severe: wetness cutbanks cave	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding frost action	Moderate: flooding wetness
Other soils-----	---	---	---	---	---	---
Holly-----	Severe: wetness cutbanks cave	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding frost action wetness	Severe: flooding wetness
Pa: Philo-----	Severe: wetness cutbanks cave	Severe: flooding	Severe: flooding wetness	Severe: flooding	Severe: flooding	Moderate: flooding
Atkins-----	Severe: wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding wetness	Severe: flooding frost action wetness	Severe: wetness
Other soils-----	---	---	---	---	---	---
Po: Pope-----	Severe: cutbanks cave	Severe: flooding	Severe: flooding	Severe: flooding	Severe: flooding	Moderate: flooding
Atkins-----	---	---	---	---	---	---
Tg: Tygart-----	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: low strength wetness	Severe: wetness
Atkins-----	---	---	---	---	---	---
Ua: Udorthents-----	---	---	---	---	---	---
Holly-----	---	---	---	---	---	---
Ub: Udorthents-----	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---
Uc: Udorthents-----	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---

Table M.--Building Site Development--Continued

Map symbol and soil name	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
Ud:						
Udorthents-----	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---
Ue:						
Udorthents-----	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---
Uf:						
Udorthents-----	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---
VaC:						
Vandalia-----	Moderate: slope too clayey wetness	Severe: shrink-swell	Severe: shrink-swell	Severe: shrink-swell slope	Severe: low strength shrink-swell	Moderate: slope
Holly-----	---	---	---	---	---	---
VaD:						
Vandalia-----	Severe: slope	Severe: shrink-swell slope	Severe: shrink-swell slope	Severe: shrink-swell slope	Severe: low strength shrink-swell slope	Severe: slope
Holly-----	---	---	---	---	---	---
W:						
Water-----	---	---	---	---	---	---
WuE:						
Westmoreland-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Other soils-----	---	---	---	---	---	---
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope
WuF:						
Westmoreland-----	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
Other soils-----	---	---	---	---	---	---
Upshur-----	Severe: slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: shrink-swell slope slippage	Severe: low strength shrink-swell slope	Severe: slope